PROPOSED CHANGES TO CLAIMS OF U.S. PAT. APP 08/882,813

THE FOLLOWING TEXT IS AN EXACT COPY OF THE TEXT SUBMITTED IN THE LAST AMENDMENT TO THIS APPLICATION. THE PROPOSED CHANGES MADE TO THIS LANGUAGE ARE SHOWN WITH DELETED TEXT STRUCK THROUGH AND ADDED TEXT UNDERLINED.

-51. (Amended) A computerized method of performing word recognition comprising the steps of:

-receiving user generated word signals representing words to be recognized;

-performing pattern matching upon the word signals to select which one or more of a plurality of vocabulary words appears, according to said pattern matching, to most probably corresponds[s] to each such word signal;

-producing an output, at a movable cursor position in a body of text, corresponding to the one or more vocabulary words selected by said pattern matching for each of said word signals;

-obtaining information about the linguistic context of the current cursor position in said body of text and using said information to define a current language context[finding one or more items in said body of text adjacent to said cursor position] and using said information[them] to define a current language context; and

-varying the probability of which one or more words is[will be] selected by said pattern matching as appearing to most probably corresponding to a given word signals as a function of said current language context;

-52. (Amended) A computerized method as in Claim 51 wherein:

-said word signals are acoustic signals representing the sound of spoken words; and

-said pattern matching performs speech recognition on said acoustic word signals.

-53. (Amended) A computerized method as in Claim 51 wherein:

-said method is executed on a computer system capable of running a plurality of active computer programs at one time;

-said step of producing an output includes supplying the spelling of vocabulary words selected by said pattern matching to another program running on said computer system for insertion at a cursor

position into a body of text represented by that other program;
and

-said step of <u>obtaining information about the linguistic context</u>
<u>of the current cursor position</u>[finding adjacent items in said body
of text] includes obtaining such information from data structures
created by said other program.

Please add new Claims 80 - 85 as follows:

-80. A computer program stored in machine readable memory for performing
word recognition comprising the following program instructions:

-instructions for receiving user generated word signals
representing words to be recognized;

-pattern matching instructions for performing pattern matching
upon the word signals to select which one or more of a plurality
of vocabulary words ~~appears~~, according to said pattern matching,
~~to most~~ probably corresponds to each such word signal

-output instructions for producing an output, at a movable cursor
position in a body of text, corresponding to the one or more
vocabulary words selected by said pattern matching for each of
said word signals;

-context detecting program instructions for obtaining information
about the linguistic context of the current cursor position in
said body of text and using said information to define a current
language context; and

-probability altering instructions for varying the probability of
which one or more words is selected by said pattern matching as
~~appearing to~~ most probably corresponding to a given word signals
as a function of said current language context;

-81. A computer program as in Claim 80 wherein:
-said word signals are acoustic signals representing the sound of
spoken words; and
-said pattern matching instructions include instructions for
performing speech recognition on said acoustic word signals.

-82. A computer program as in Claim 80 wherein:
-said output instructions includes instructions which supply the
spelling of vocabulary words selected by said pattern matching
instructions to another program running on said computer system

for insertion at a cursor position into a body of text represented
by that other program; and

-said context detecting instructions include instructions for
obtaining information about the textual context of the current
cursor position in said other program.

-83. A computer system capable of performing word recognition
comprising:

-means for receiving user generated word signals representing
words to be recognized;

-means for performing pattern matching upon the word signals to
select which one or more of a plurality of vocabulary words
appears, according to said pattern matching, to most probably
corresponds to each such word signal

-means for producing an output, at a movable cursor position in a
body of text, corresponding to the one or more vocabulary words
selected by said pattern matching for each of said word signals;

-means for obtaining information about the linguistic context of
the current cursor position in said body of text and using said
information to define a current language context; and

-means for varying the probability of which one or more words is
selected by said pattern matching as appearing to most probably
corresponding to a given word signals as a function of said
current language context;

-84. A computer system as in Claim 83 wherein:

-said word signals are acoustic signals representing the sound of
spoken words; and

-said means for performing pattern matching include means for
performing speech recognition on said acoustic word signals.

-85. A computer program as in Claim 83 wherein:

-said output instructions includes instructions which supply the
spelling of vocabulary words selected by said pattern matching
instructions to another program running on said computer system
for insertion at a cursor position into a body of text represented
by that other program; and

-said context detecting instructions include instructions for
obtaining information about the textual context of the current
cursor position in said other program.